

Converting Colors

XYZ(26.1644, 38.6551, 32.8032)

Have a look what the booklet for
XYZ(26.1644, 38.6551, 32.8032)
contains.

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Color

**XYZ(26.2061, 38.6736,
32.8716)**

Conversions

Conversions Part 1

Format	Color
Hex	55B991
RGB	85, 185, 145
RGB Percent	33%, 73%, 57%
CMY	0.6667, 0.2745, 0.4314
CMYK	0.54, 0.00, 0.22, 0.27
HSL	156°, 42%, 53%
HSV	156°, 54%, 73%
XYZ	26.2061, 38.6736, 32.8716
YIQ	150.5400, -46.7600, -33.6400

Conversions

Conversions Part 2

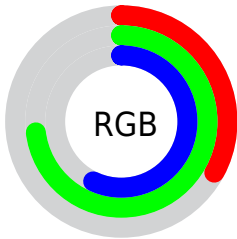
Format	Color
RYB	85, 148, 185
Decimal	5618065
CIELab	68.51, -38.85, 11.55
CIELCh	69, 40.534, 163.451
Yxy	38.6736, 0.2681, 0.3956
Android (android.graphics.Color)	4283808145 (0xFF55B991)
YUV	150.5400, -2.7312, -57.4786
Hunter-Lab	62.1881, -33.6092, 12.1920

Details

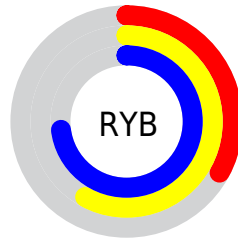
The XYZ color **26.2061, 38.6736, 32.8716** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **26.9590, 18.2928, 21.5134**, and the grayscale version is **29.2454, 30.7685, 33.5068**.

A 20% lighter version of the original color is **53.2163, 73.3786, 65.3915**, and **10.4130, 17.1780, 13.5933** is the 20% darker color. If you saturate the color by 10%, you get **24.1890, 37.6986, 29.8953**, and if you desaturate by 10%, it is **28.7015, 39.8929, 36.0660**.

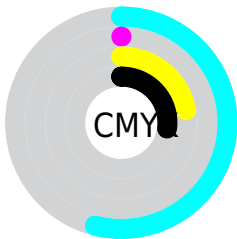
Distribution



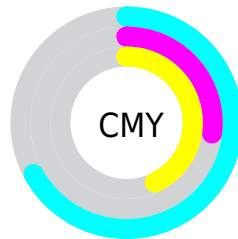
- Red (33%)
- Green (73%)
- Blue (57%)



- Red (33%)
- Yellow (58%)
- Blue (73%)



- Cyan (54%)
- Magenta (0%)
- Yellow (22%)
- Black (27%)



- Cyan (67%)
- Magenta (27%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2061, 38.6736, 32.8716 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 26.2061, 38.6736, 32.8716 by changing the saturation by 10% instead.

■ 26.2061, 38.6736,
32.8716

■ 26.2061, 38.6736,
32.8716

276.0305,
340.5008, 329.6850

■ 17.1114, 26.5059,
21.7578

■ 53.0362, 73.1394,
65.2887

■ 10.4097, 17.2025,
13.4824

■ 71.5023, 96.2063,
87.4291

■ 5.7358, 10.3790,
7.6270

■ 93.8228, 123.6751,
114.0821

■ 2.7242, 5.6509,
3.7729

■ 120.3632,
155.9302, 145.6662

■ 1.0097, 2.6340,
1.5016

151.4889,
193.3559, 182.6000

■ 0.0000, 0.9438,
0.2191

187.5651,

■ 0.0000, 0.0000,

236.3366, 225.3021

0.0000

228.9572,
285.2568, 274.1909

■ 26.2061, 38.6736,
32.8716

■ 26.2061, 38.6736,
32.8716

■ 24.1890, 37.6986,
29.8953

■ 28.7015, 39.8929,
36.0660

■ 22.6114, 36.9449,
27.1292

■ 31.7040, 41.3683,
39.4810

■ 21.4333, 36.3930,
24.5683

■ 35.2437, 43.1162,
43.1223

■ 20.6053, 36.0176,
22.2067

■ 39.3474, 45.1502,
46.9944

■ 20.2189, 35.8471,
20.8923

■ 44.0400, 47.4833,
51.1019

■ 49.3450, 50.1274,
55.4491

■ 55.2844, 53.0938,
60.0402

■ 61.8792, 56.3933,
64.8792

■ 69.1495, 60.0361,
69.9701

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



28.9488, 38.6736, 21.4029



26.2061, 38.6736, 32.8716



26.0693, 38.6736, 50.8234

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



26.2061, 38.6736, 32.8716



39.6868, 38.6736, 86.3663



46.4048, 38.6736, 22.2701

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



26.2061, 38.6736, 32.8716



26.9590, 18.2928, 21.5134

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



50.0298, 38.6736, 34.4524



26.2061, 38.6736, 32.8716



45.8589, 38.6736, 73.1188

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



26.2061, 38.6736, 32.8716



33.3727, 38.6736, 85.5749



49.8192, 38.6736, 52.9326



40.3651, 38.6736, 16.6076

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



26.2061, 38.6736, 32.8716



27.4414, 38.6736, 64.6014



49.8192, 38.6736, 52.9326



47.9758, 38.6736, 25.5569

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



26.2072, 38.6752, 32.8725



68.7562, 80.0108, 82.5961



27.6927, 39.8420, 14.8255



14.4916, 17.0846, 17.4982



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.2072, 38.6752, 32.8725



42.6919, 67.2130, 52.5150



28.1609, 36.7484, 51.5098



9.1104, 10.1481, 10.7389



13.8034, 24.4223, 14.4187



0.5163, 0.8728, 0.6646

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



26.9590, 18.2928, 21.5134



44.2010, 26.8793, 30.1422



25.5921, 18.8584, 10.8860



9.1495, 9.0702, 10.1344



14.4990, 7.3734, 5.2485



0.5419, 0.2723, 0.3473

Previews

White Background



This preview shows how the XYZ color 26.2061, 38.6736, 32.8716 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 26.2061, 38.6736, 32.8716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

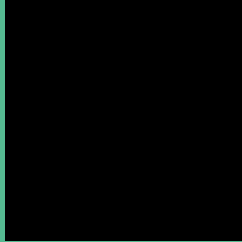
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.2061, 38.6736, 32.8716

Background



This preview shows how black text looks on a background with the XYZ color 26.2061, 38.6736, 32.8716.

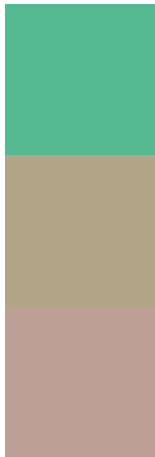


This preview shows how white text looks on a background with the XYZ color 26.2061, 38.6736,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

26.2061, 38.6736, 32.8716

Protanopia

35.9139, 38.2518, 28.4121

Deuteranopia

38.8149, 38.0350, 34.1499



Tritanopia

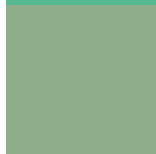
31.0013, 38.7998, 56.3072

Trichromacy



Original Color

26.2061, 38.6736, 32.8716



Protanomaly

30.9315, 37.5909, 30.0516



Deuteranomaly

32.2958, 37.0934, 33.4745



Tritanomaly

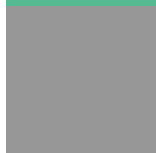
29.0797, 38.6152, 46.9951

Monochromacy



Original Color

26.2061, 38.6736, 32.8716



Achromatopsia

29.4150, 30.9469, 33.7012



Achromatomaly

27.2744, 32.8763, 33.3420

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2061, 38.6736, 32.8716 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(85, 185, 145)` looks like.

```
.text, #text, p{  
    color:rgb(85, 185, 145)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(85, 185, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 185, 145) }
```

Border

The CSS property to change the border of an element to XYZ 26.2061, 38.6736, 32.8716 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(85, 185, 145) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(85, 185, 145) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(85, 185, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 185, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 185, 145);  
box-shadow:4px 4px 4px 4px rgb(85, 185,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2061, 38.6736, 32.8716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 185, 145) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(85, 185,  
145) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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